

1/24

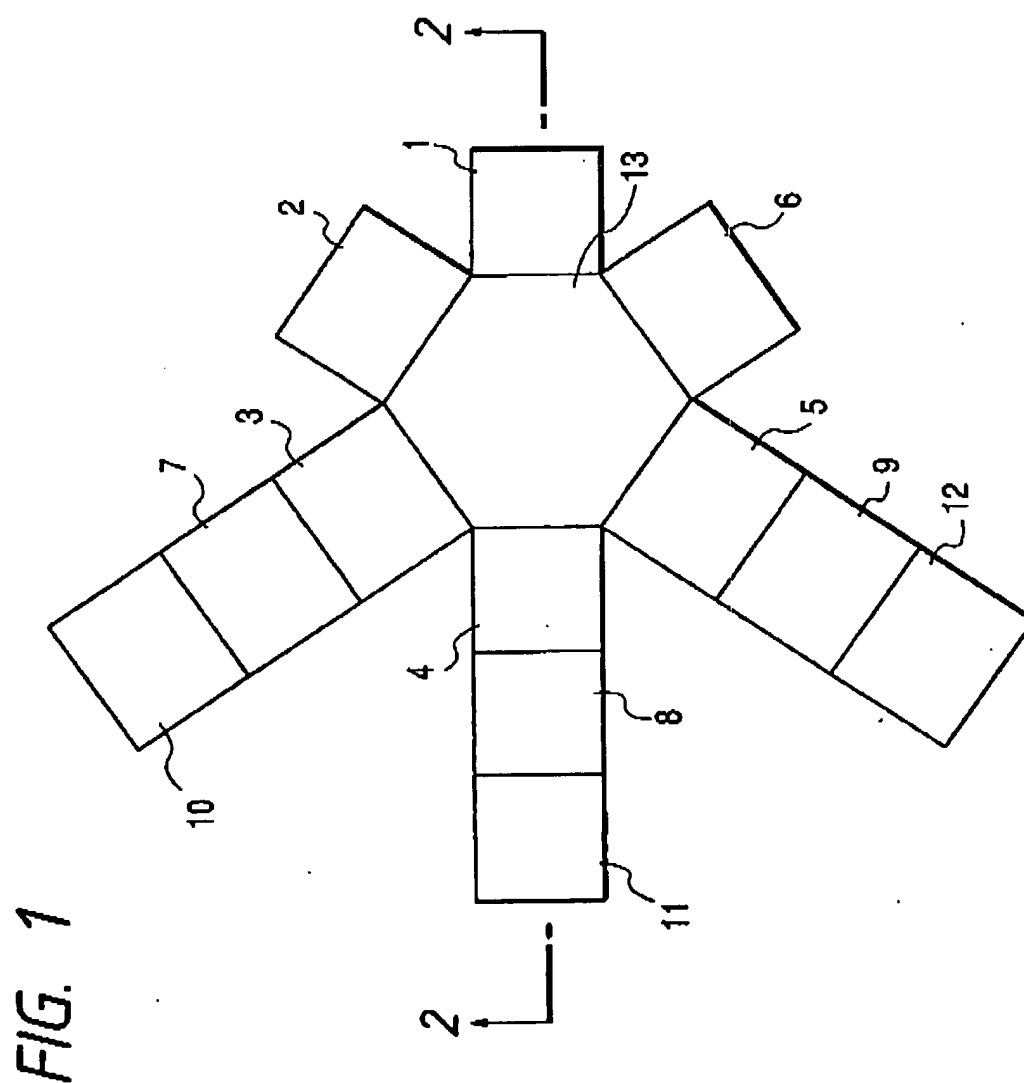
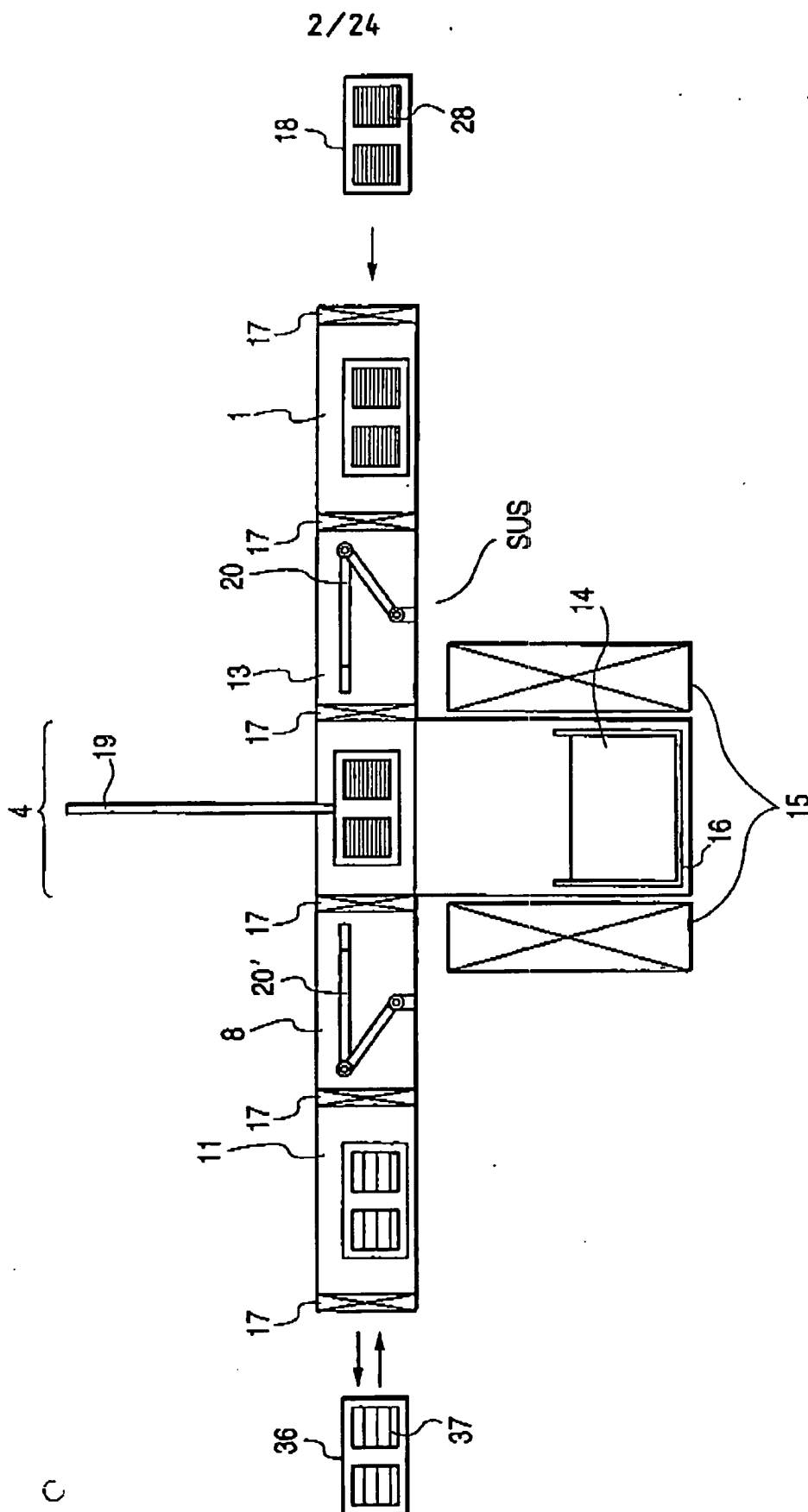


FIG. 2



3 / 24

FIG. 3A

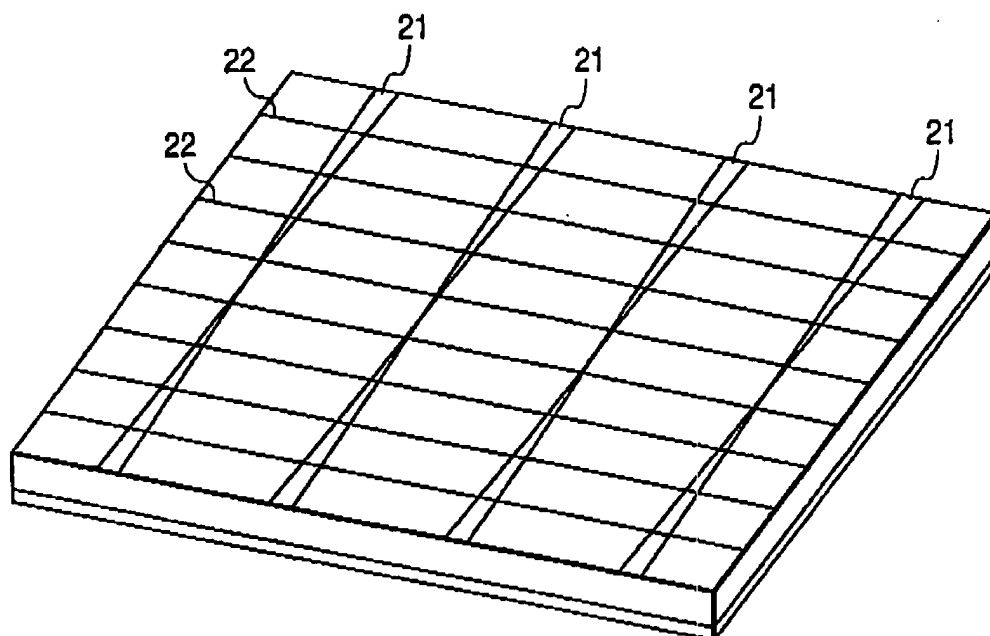
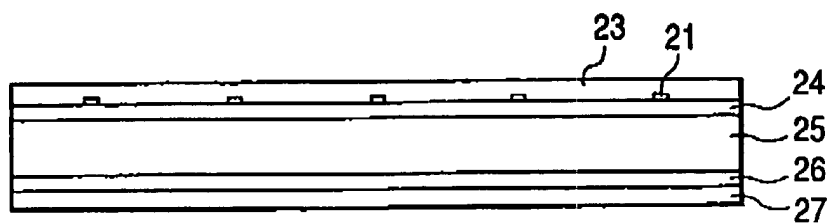


FIG. 3B



4/24

FIG. 4A

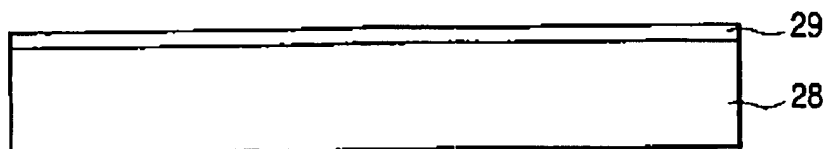


FIG. 4B

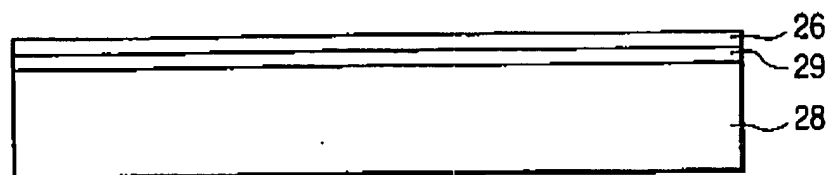


FIG. 4C

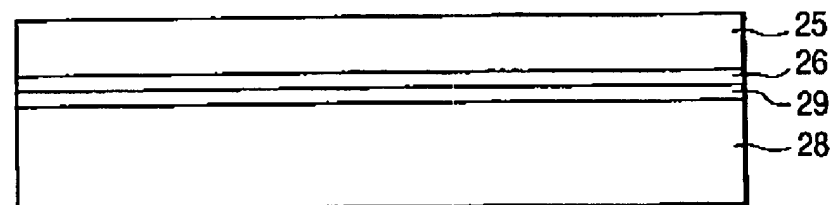


FIG. 4D

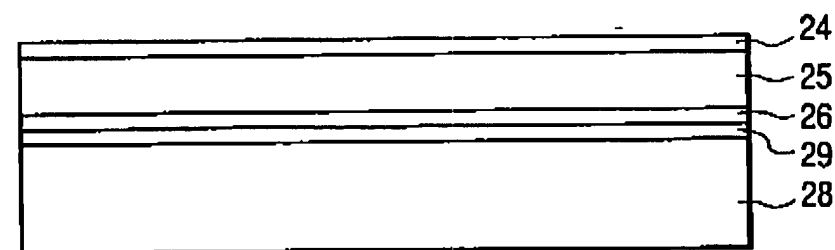
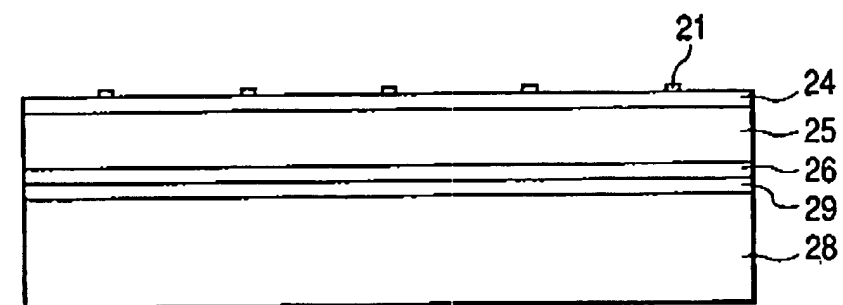


FIG. 4E



5/24

FIG. 5A

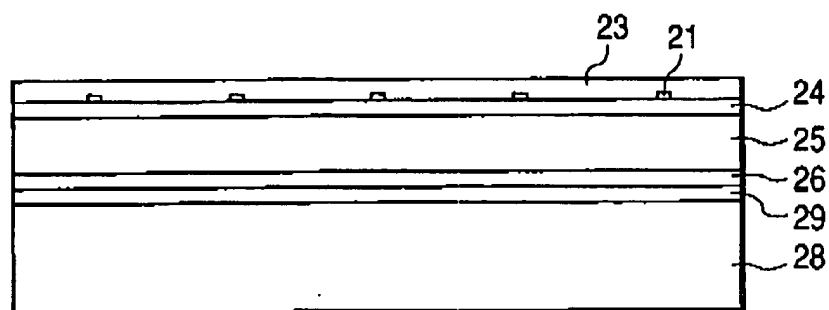


FIG. 5B

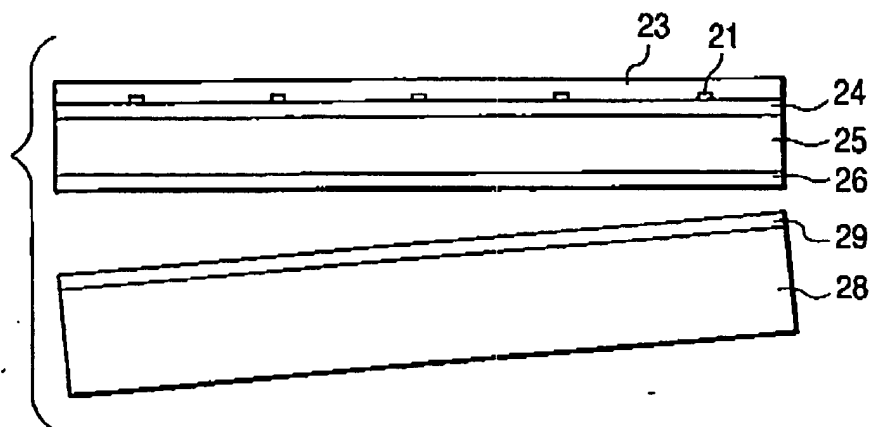
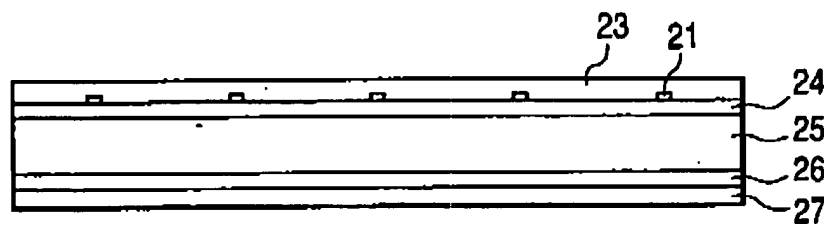


FIG. 5C



6/24

FIG. 6A

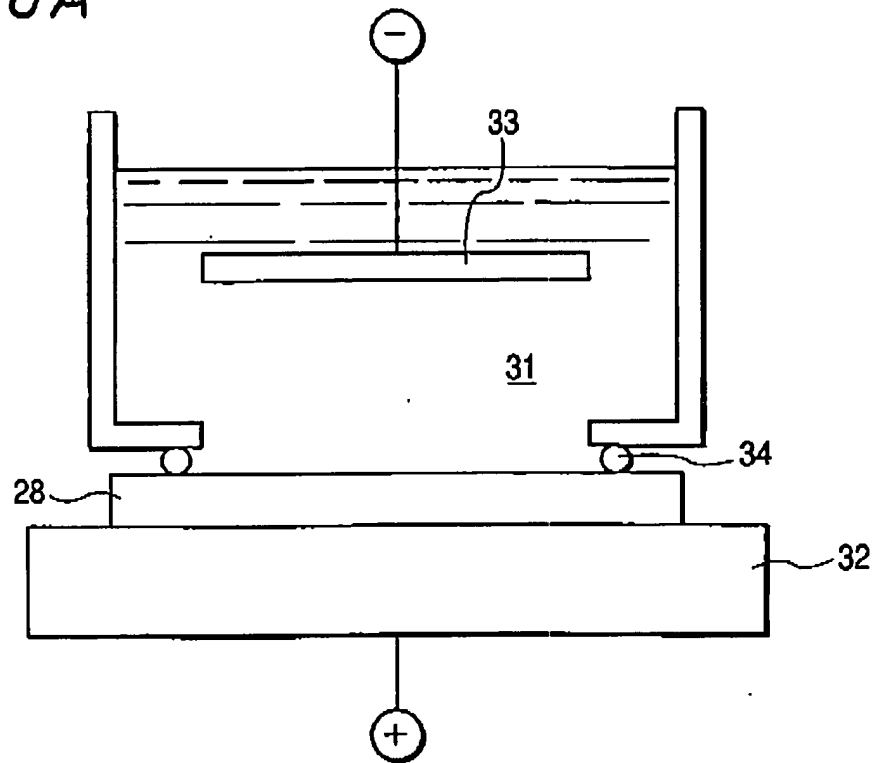
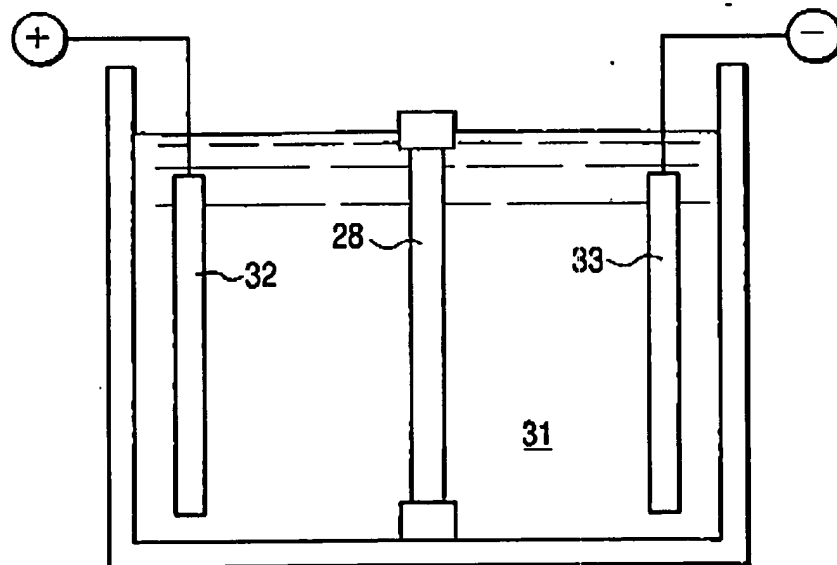


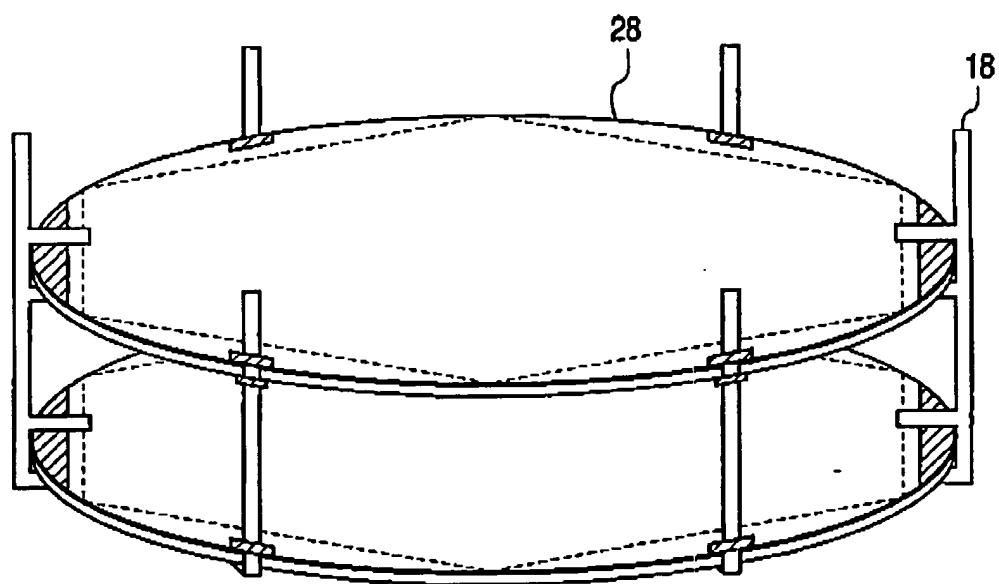
FIG. 6B





8/24

FIG. 8





9/24

FIG. 9A

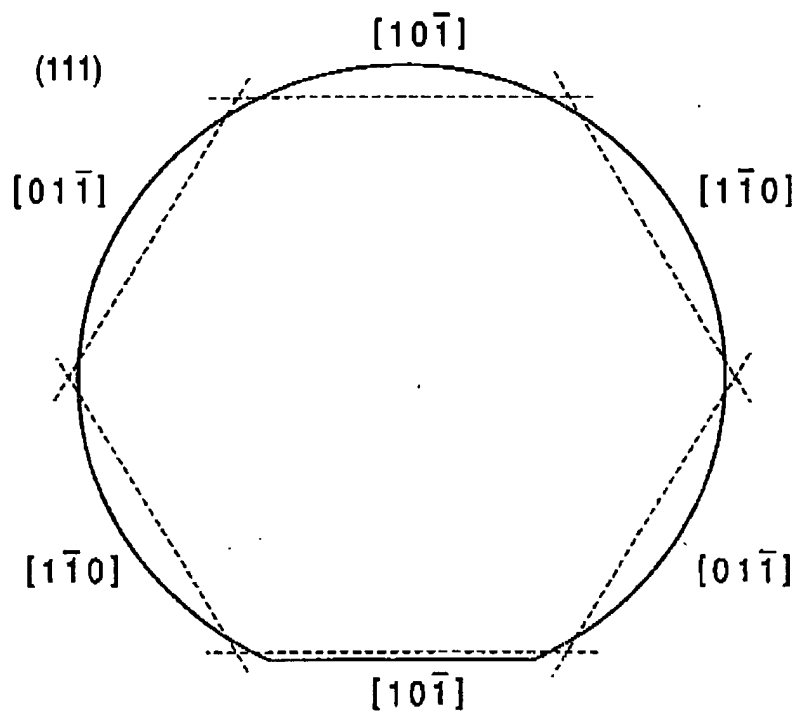
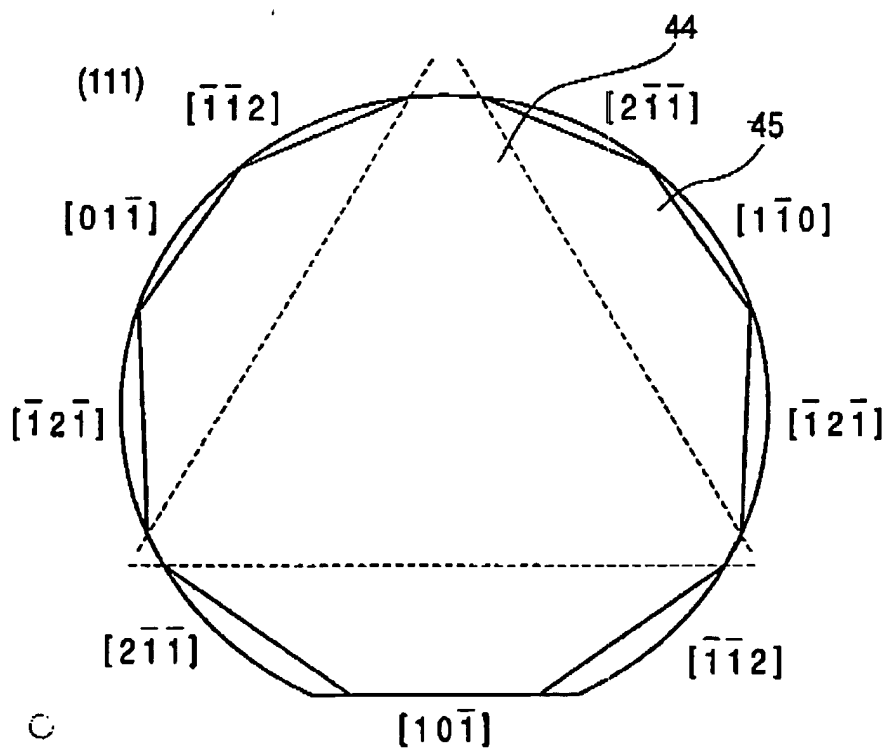
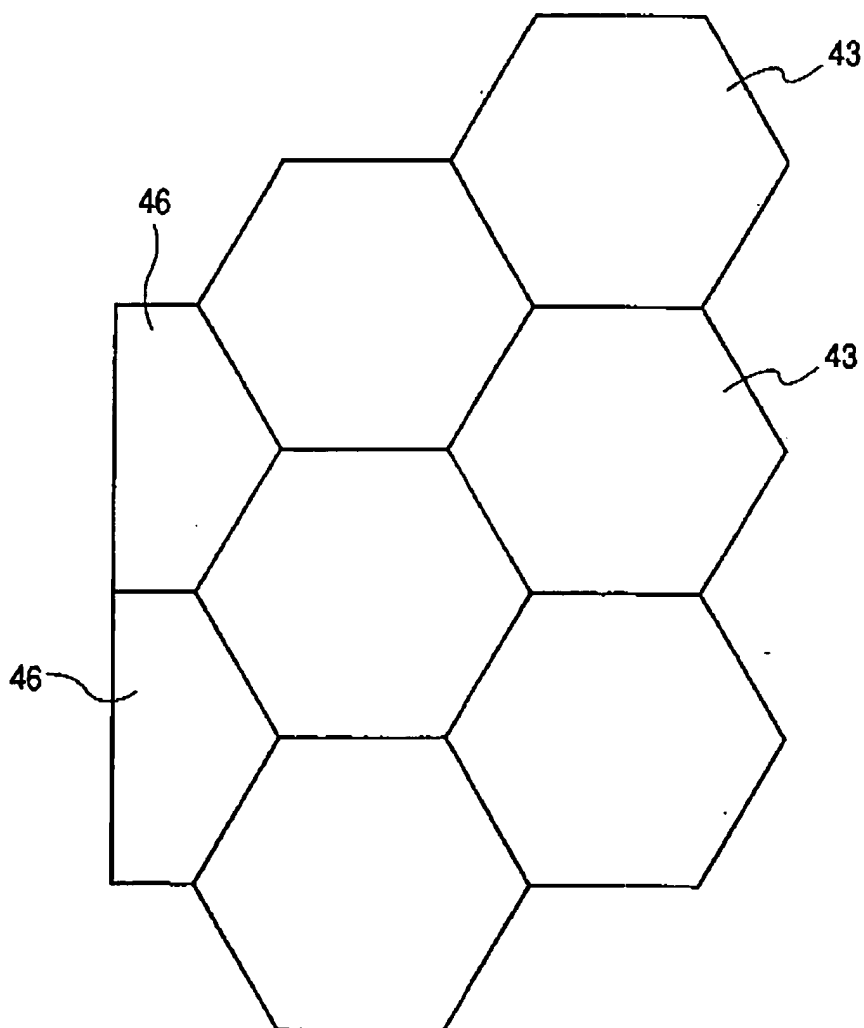


FIG. 9B

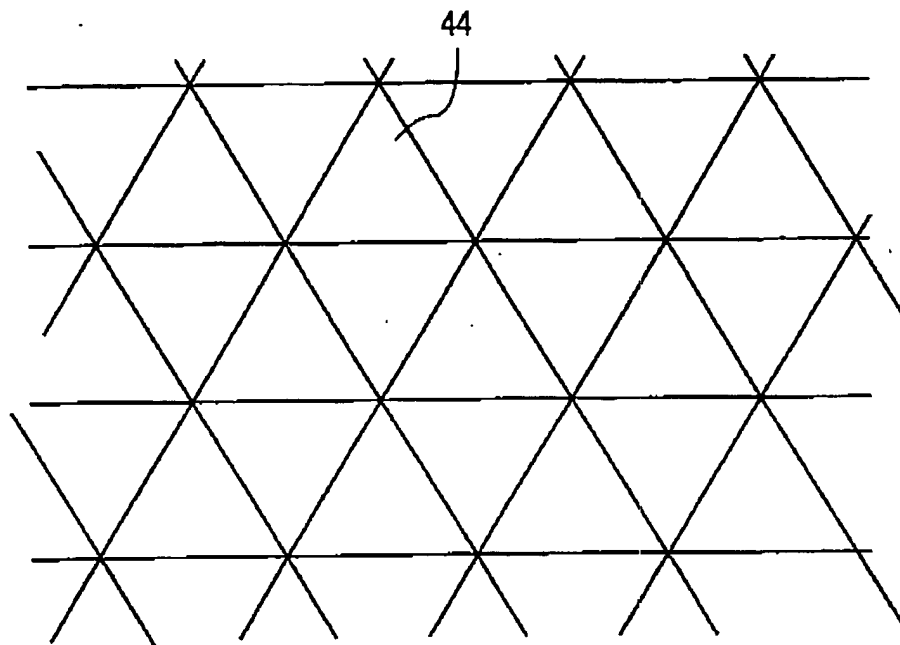
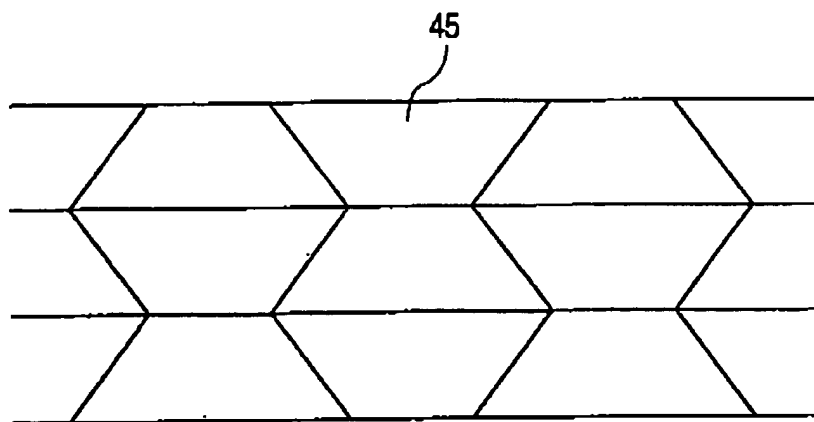


10/24

*FIG. 10*



11/24

*FIG. 11A**FIG. 11B*

12/24

FIG. 12A

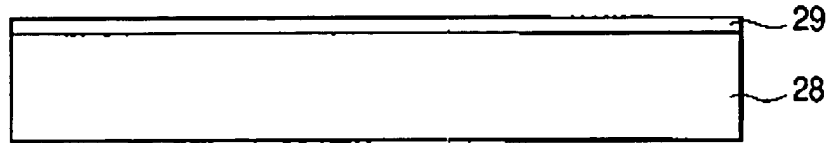


FIG. 12B

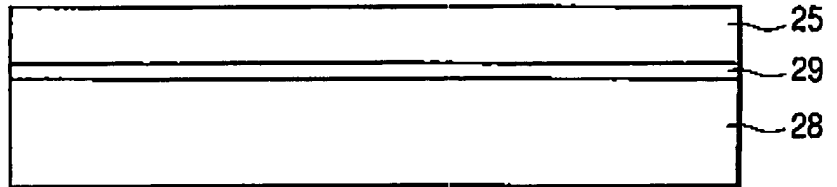


FIG. 12C

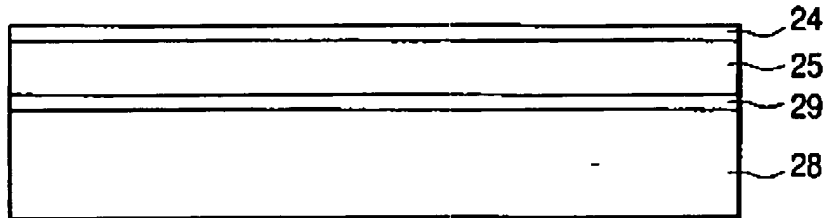
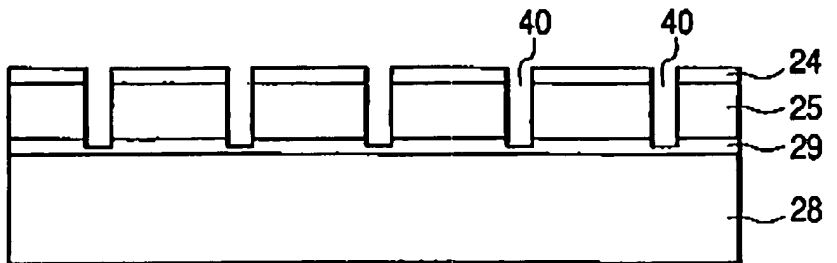


FIG. 12D



13/24

FIG. 13A

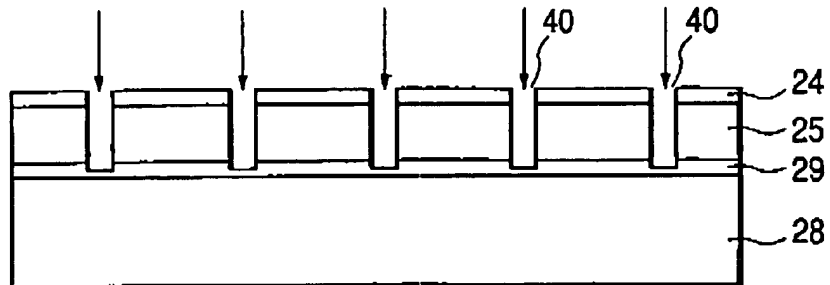


FIG. 13B

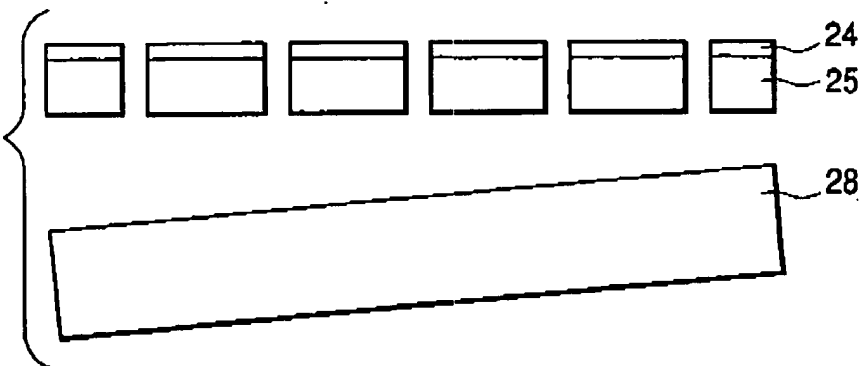


FIG. 13C



FIG. 13D

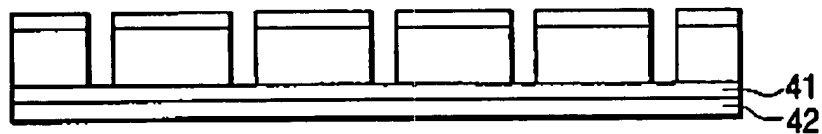
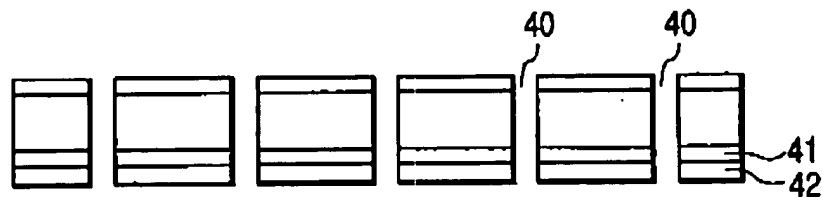


FIG. 13E



14/24

FIG. 14A

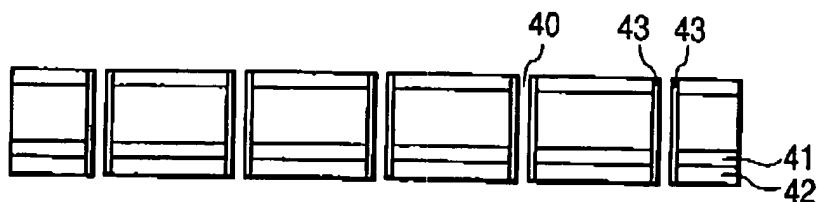


FIG. 14B

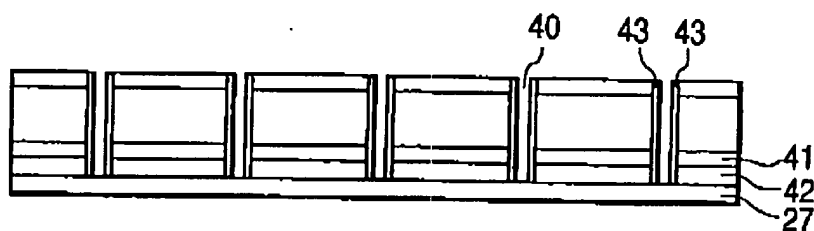


FIG. 14C

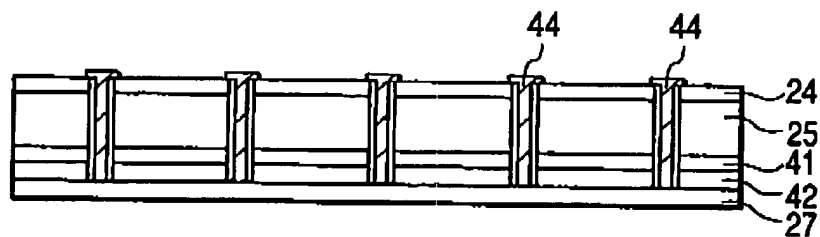
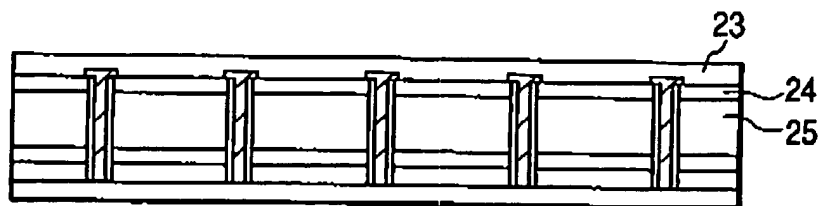


FIG. 14D



15/24

FIG. 15

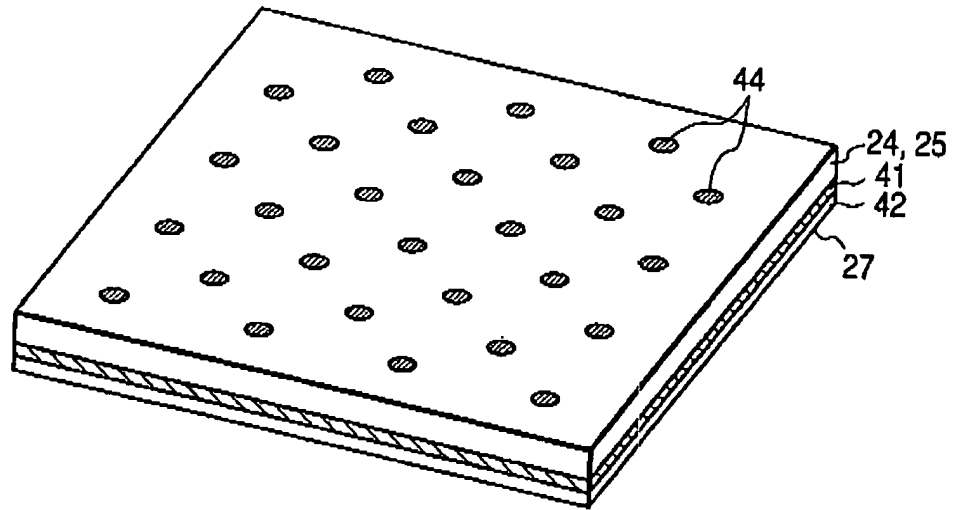
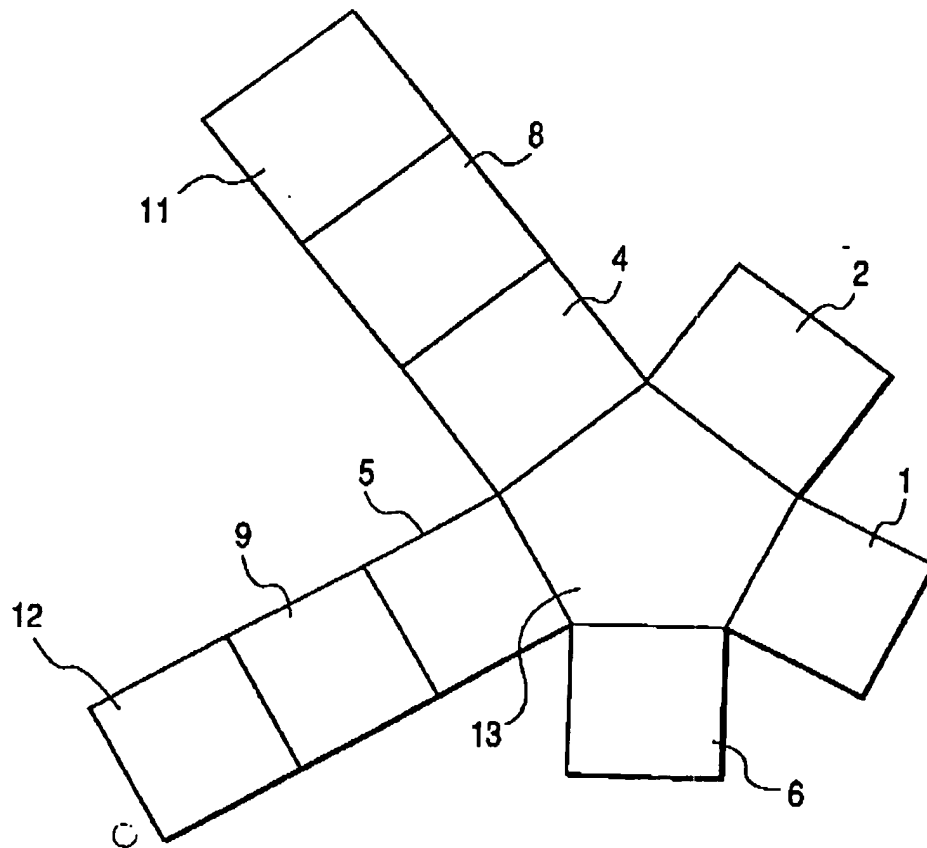
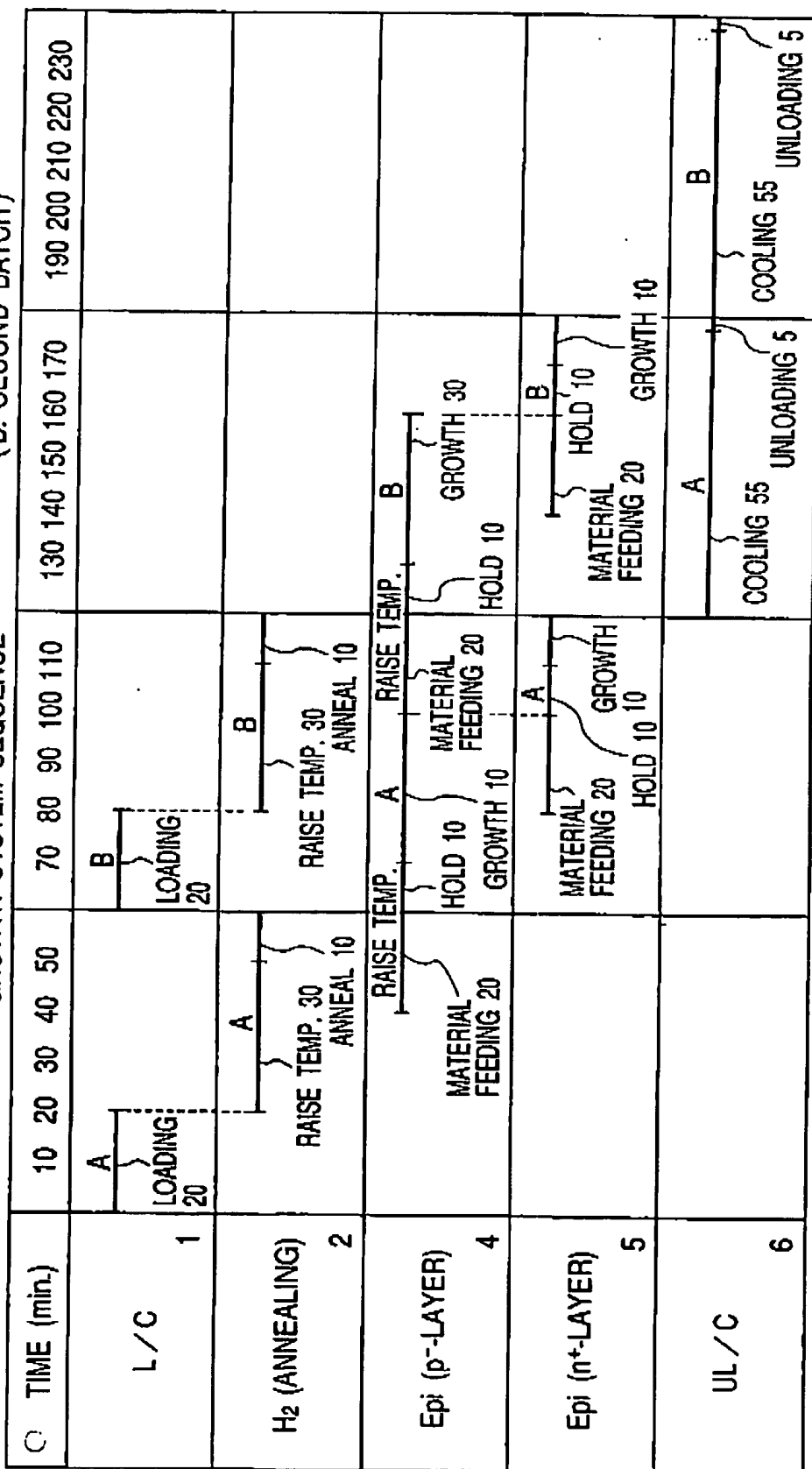


FIG. 16



16/24

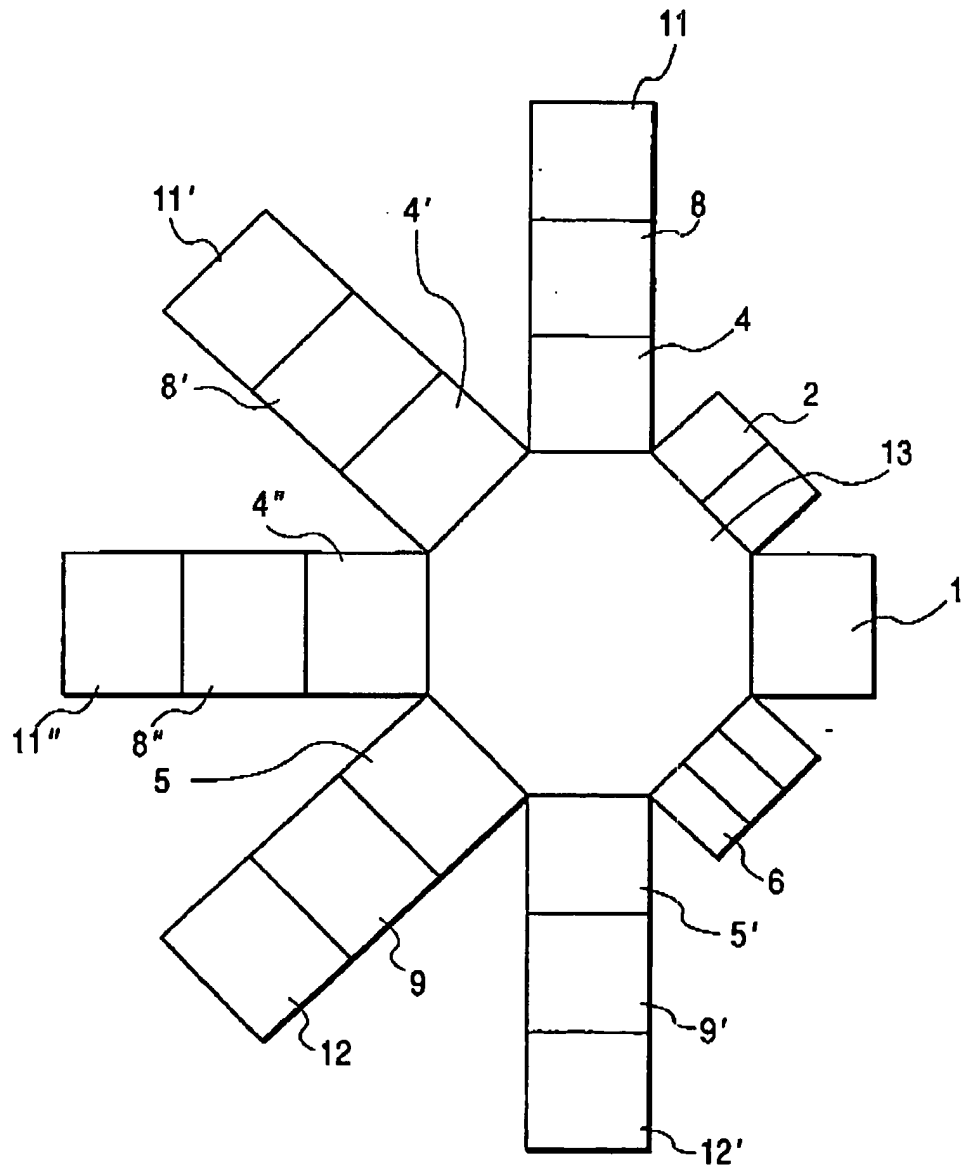
**FIG. 17** TWO-CRUCIBLE LIQUID-PHASE GROWTH SYSTEM SEQUENCE  
(A: FIRST BATCH  
(B: SECOND BATCH)





17/24

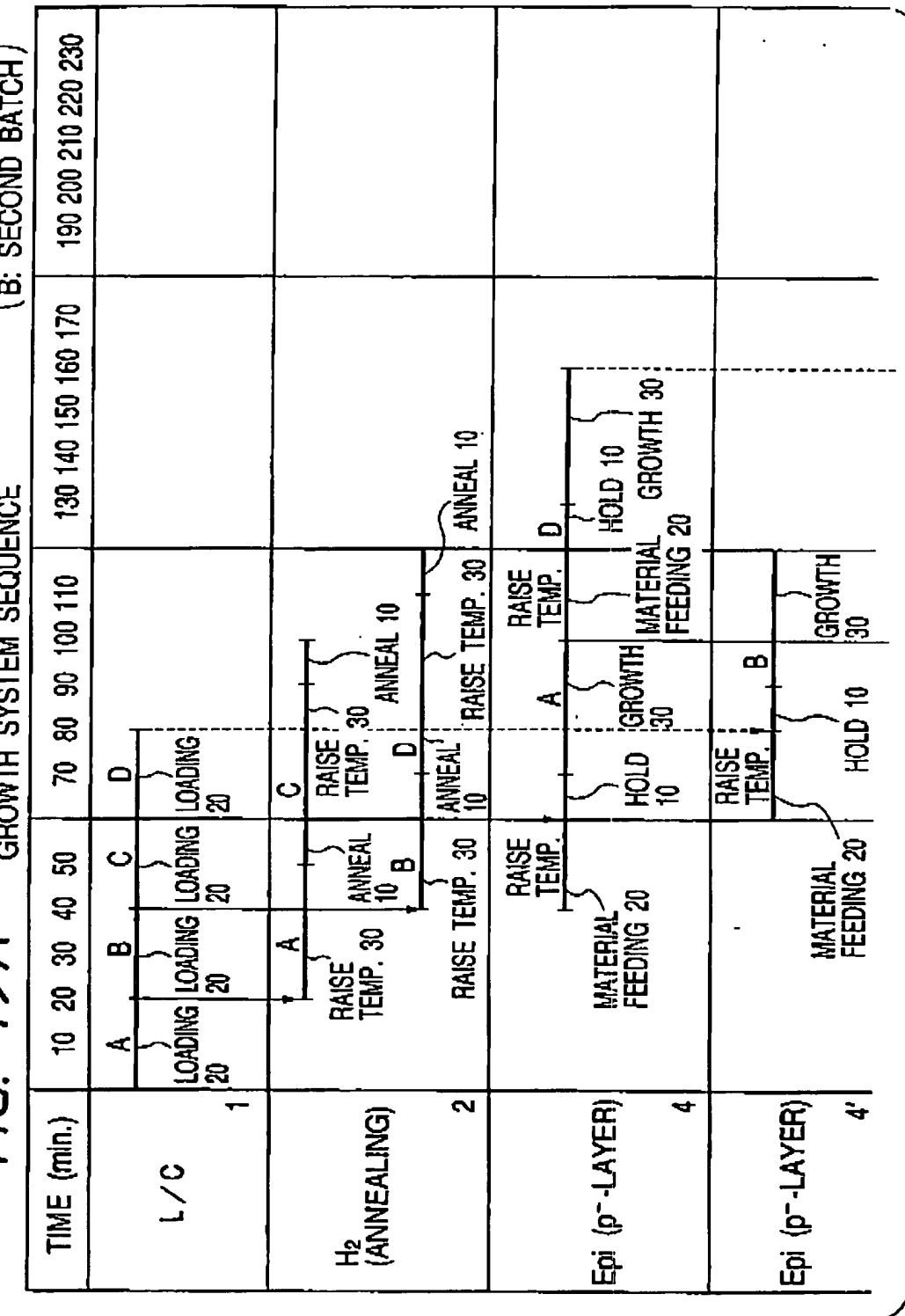
FIG. 18



18/24

FIG. 19

FIG. 19A FIVE-CRUCIBLE LIQUID-PHASE GROWTH SYSTEM SEQUENCE (A: FIRST BATCH (B: SECOND BATCH))



TO FIG. 19B

19/24

FIG. 19B

FROM FIG. 19A

Epi (p <sup>-</sup> -LAYER) 4"	RAISE TEMP. MATERIAL FEEDING 20 HOLD 10 GROWTH 30 C		
Epi (n <sup>+</sup> -LAYER) 5	RAISE TEMP. MATERIAL FEEDING 20 HOLD 10 GROWTH 10 A	RAISE TEMP. MATERIAL FEEDING 20 HOLD 10 GROWTH 10 C	
Epi (n <sup>+</sup> -LAYER) 5"	RAISE TEMP. MATERIAL FEEDING 20 HOLD 10 GROWTH 10 B	RAISE TEMP. GROWTH 10 HOLD 10 MATERIAL FEEDING 20 D	
UL/C 6		A COOLING UNLOADING 55 B COOLING 55 C UNLOADING 5 D COOLING UNLOADING 55 UNLOADING 5 UNLOADING 5	

FIG. 20A

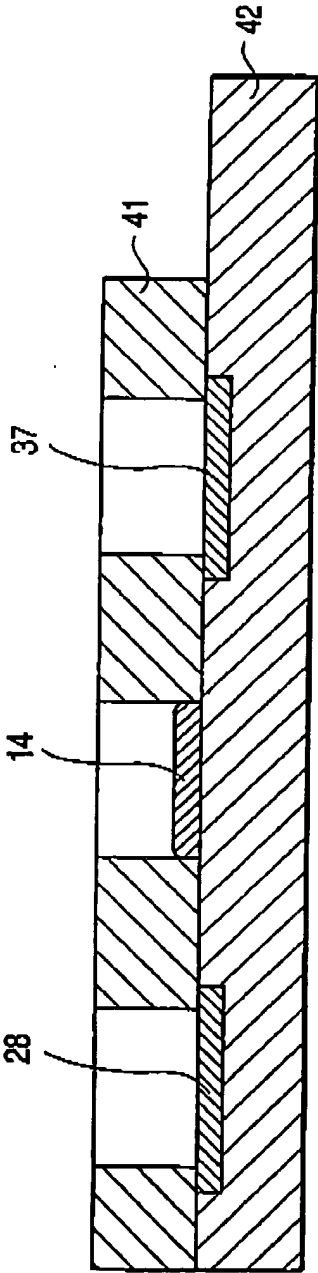
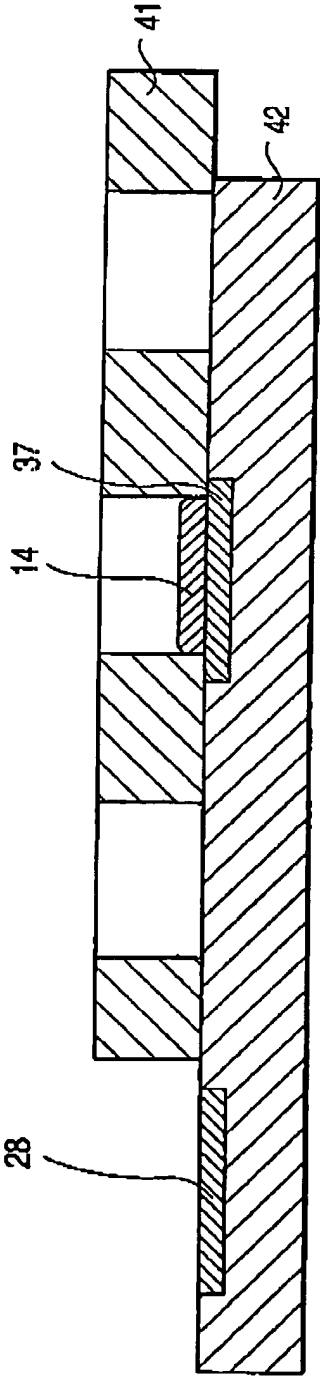


FIG. 20B



21/24

FIG. 21A

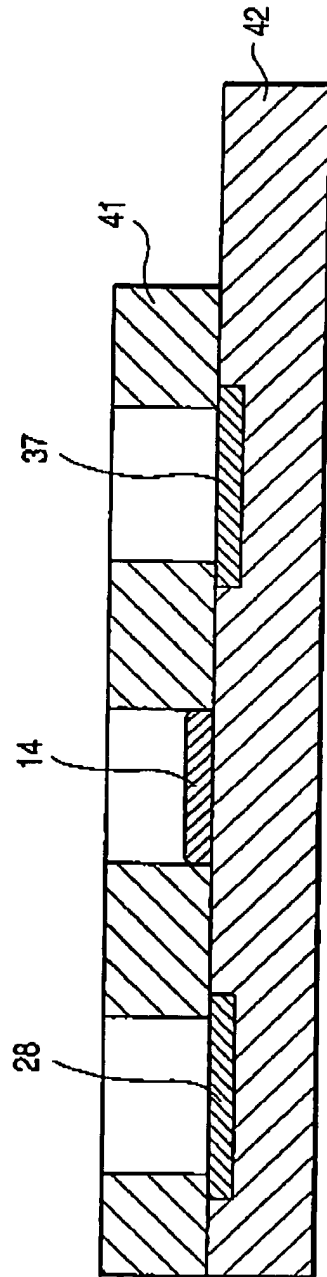
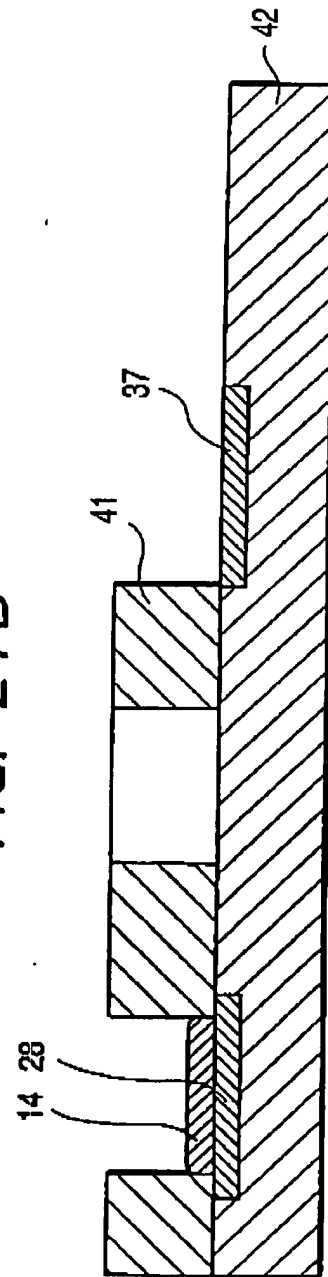


FIG. 21B



BEST AVAILABLE COPY

22/24

FIG. 22B

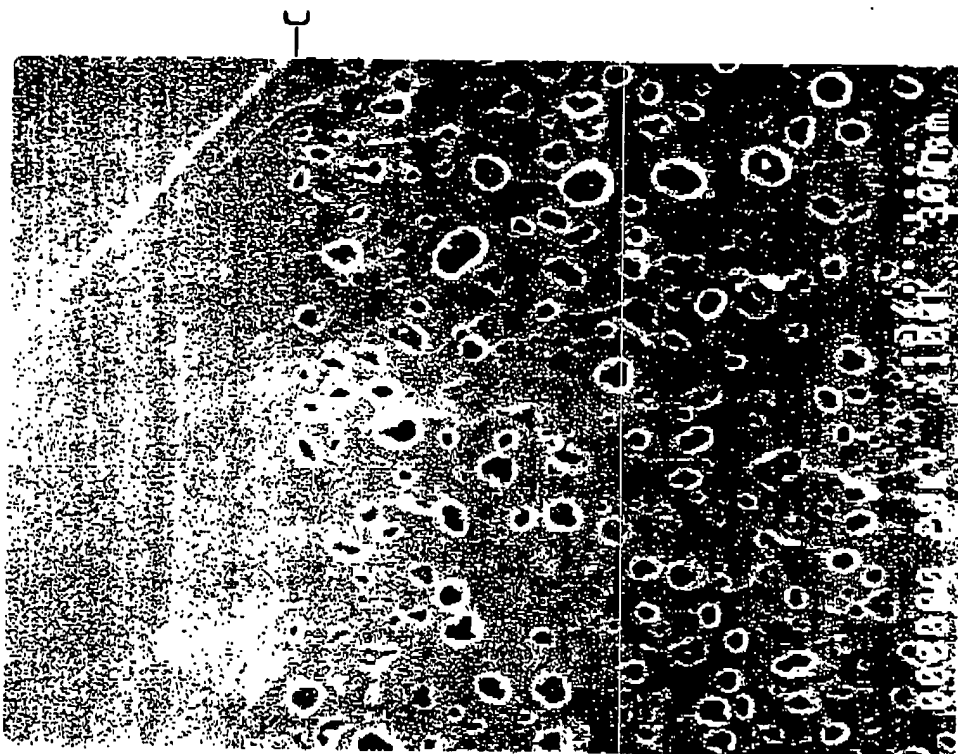
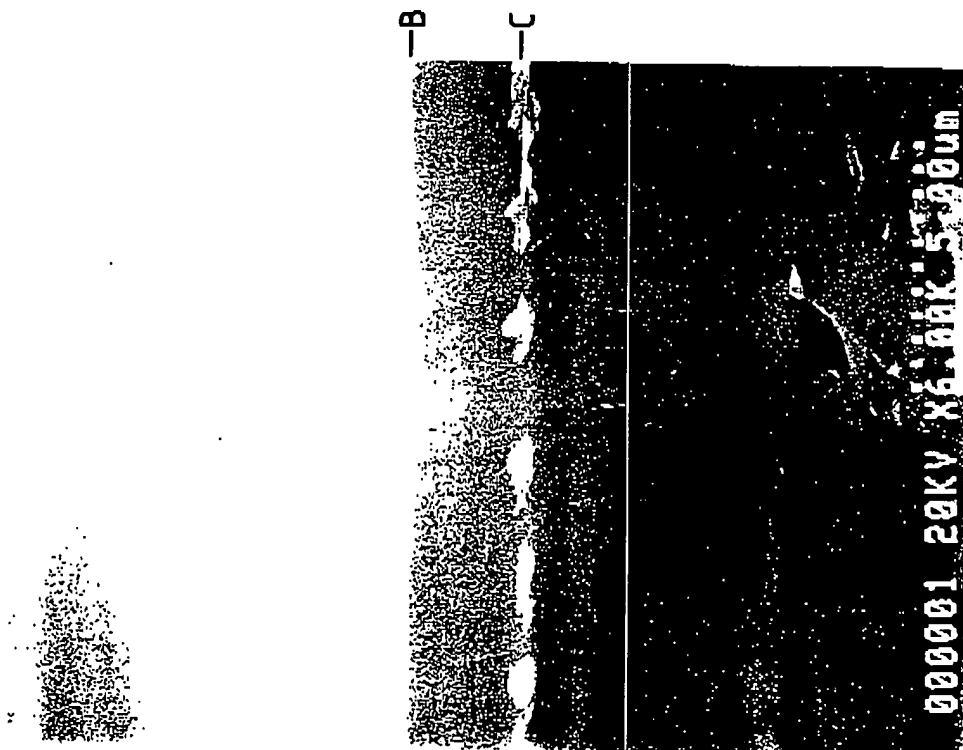


FIG. 22A



BEST AVAILABLE COPY

23/24

FIG. 23B

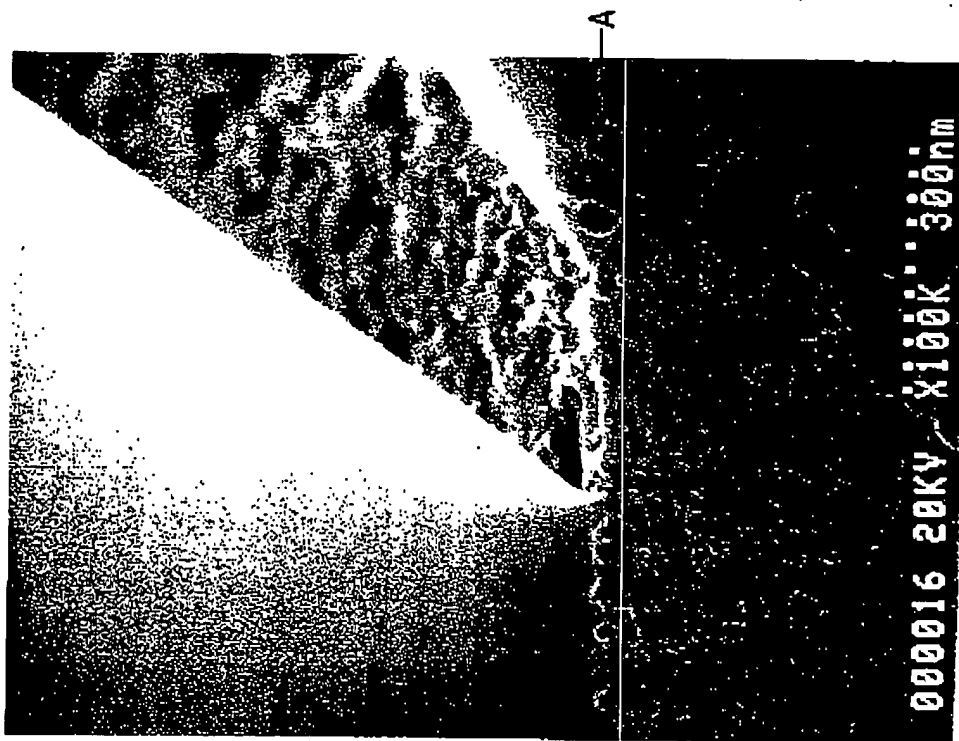
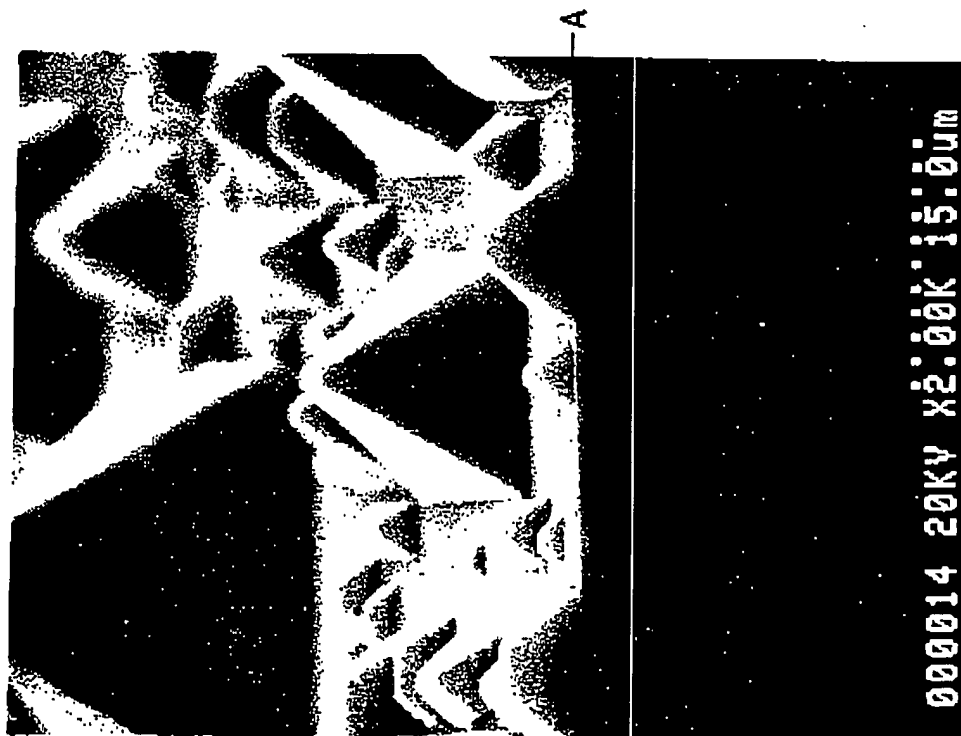


FIG. 23A



C

24/24

FIG. 24

